

**HUNTON &
WILLIAMS**

INTELLECTUAL PROPERTY DEPARTMENT
HUNTON & WILLIAMS LLP
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FILE NO: 56162.000514

February 18, 2004

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: **56162.000514**

First Named Inventor: **Michael J. SEALS et al.**

Title: **TECHNIQUE FOR OUTPUT POWER DITHERING FOR IMPROVED
TRANSMITTER PERFORMANCE**

Customer No. **21967**

TO: **MAIL STOP PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. ☒ Fee Transmittal Form (original and duplicate)
2. ☐ Small Entity Status Claimed: ☐ Independent Inventor
☐ Small Business Concern
☐ Non-Profit Organization
☐ Statement Enclosed
☐ Statement Filed in Prior Application; Status Still Proper and Desired
3. ☒ Specification - Total Pages: 15 (Including Abstract)



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| CLAIMS AS FILED | | | | | | |
|---|--------------|------------------|-------|--------------|--------------|-----------|
| | Claims Filed | Basic Fee Claims | Extra | Rate | | Amount |
| | | | | Large Entity | Small Entity | |
| Total Claims | 12 | 20 | 0 | \$ 18.00 | \$ 9.00 | \$ 0.00 |
| Independent Claims | 5 | 3 | 2 | \$ 86.00 | \$ 43.00 | \$ 172.00 |
| First Presentation of Multiple Dependent Claims | | | | \$ 290.00 | \$ 145.00 | \$ 0.00 |
| BASIC FEE | | | | \$ 770.00 | \$ 385.00 | \$ 770.00 |
| TOTAL FILING FEE | | | | | | \$ 942.00 |
| Assignment Recordation Fee | | | | | | \$ 40.00 |
| TOTAL AMOUNT | | | | | | \$ 982.00 |

4. ☒ Drawings - Total Sheets: 2 (Fig(s). 1 - 2)
5. Oath or Declaration - Total Pages: 4
- a. ☒ Newly executed (original or copy)
☐ New (unexecuted)
- b. ☐ Copy from a prior application
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.
6. ☐ Application Data Sheet
7. ☐ CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (two copies); or



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- ii. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statements verifying identity of above copies
9. ☒ Assignee/Applicant: **GlobespanVirata Incorporated**
- ☒ Assignment and Assignment Recordation Form Submitted Herewith
- ☐ Assignee of Record in Prior Application No. _____ :
- _____
- recorded on _____ at Reel _____, Frame _____.
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement with PTO-1449 and References
- ☐ Copies of Information Disclosure Statement Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard
15. ☐ Priority is Claimed as Follows:
- _____
- _____
- ☐ Claim Benefit of the Following U.S. Provisional Application No(s):
- _____
- _____
- ☐ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. ☐ Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.
17. ☐ Other: _____



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18. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part of
Prior Application No.: _____ filed _____

Prior application information: Examiner _____ Group Art Unit _____

☐ Incorporation By Reference (useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers.

☐ Complete Application Based on Provisional Application No.: _____
filed _____

19. Please address all correspondence to:

☒ **CUSTOMER NUMBER 21967**

Kevin T. Duncan, Esq.
Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109

20. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

☒ The power of attorney is to: the Hunton & Williams, LLP attorneys and agents associated with **CUSTOMER NUMBER 21967**.

☐ Please remove as power of attorney:

☐ Please add as power of attorney:

21. ☒ A check in the amount of \$ 982.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-0206**.



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- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206**.

Respectfully submitted,

By:

A handwritten signature in black ink, appearing to read 'Ce Li', written over a horizontal line.

Ce Li
Limited Recognition
Under 37 CFR § 10.9(b)

CL/cyc
Enclosures



13281 U.S. PTO

| FEE TRANSMITTAL MAIL STOP PATENT APPLICATION | | Complete If Known | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|-------------------------|------------------|--|--|--------------------|-----------|-------------------|----------|--|----|---|----|--|----|---|----|--|----|---|----|---|----|---|----|--|----|---|----|---|----|---|----|--|----|---|----|--|----|---|----------|---|----|--|----|
| | | Application No. | | TBA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Filing Date | | February 18, 2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | First Named Inventor | | Michael J. SEALS et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Examiner Name | | TBA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group Art Unit | | TBA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount Of Payment (\$) | | 982.00 | | Attorney Docket No. | | 56162.000514 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD OF PAYMENT (check one) | | | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. <input type="checkbox"/> The Commissioner for Patents is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP.</p> | | | | <p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td>\$</td></tr><tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr><tr><td><input type="checkbox"/> _____ Month Extension of Time</td><td>\$</td></tr><tr><td><input type="checkbox"/> Notice of Appeal</td><td>\$</td></tr><tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td>\$</td></tr><tr><td><input type="checkbox"/> Request for Oral Hearing</td><td>\$</td></tr><tr><td><input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Design Issue Fee</td><td>\$</td></tr><tr><td><input type="checkbox"/> Plant Issue Fee</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petition to Commissioner</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petition to Revive (Unavoidable)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petition to Revive (Unintentional)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td>\$</td></tr><tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td>\$</td></tr><tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td>\$</td></tr><tr><td><input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property</td><td>\$ 40.00</td></tr><tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td>\$</td></tr><tr><td><input type="checkbox"/> Other (specify) _____</td><td>\$</td></tr></tbody></table> | | | | Fee Description | Fee Paid | <input type="checkbox"/> Surcharge - late filing fee or oath | \$ | <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet | \$ | <input type="checkbox"/> _____ Month Extension of Time | \$ | <input type="checkbox"/> Notice of Appeal | \$ | <input type="checkbox"/> Filing Brief in Support of Appeal | \$ | <input type="checkbox"/> Request for Oral Hearing | \$ | <input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary) | \$ | <input type="checkbox"/> Design Issue Fee | \$ | <input type="checkbox"/> Plant Issue Fee | \$ | <input type="checkbox"/> Petition to Commissioner | \$ | <input type="checkbox"/> Petition to Revive (Unavoidable) | \$ | <input type="checkbox"/> Petition to Revive (Unintentional) | \$ | <input type="checkbox"/> Petitions Related to Provisional Applications | \$ | <input type="checkbox"/> Submission of Information Disclosure Statement | \$ | <input type="checkbox"/> Filing Submission After Final Rejection | \$ | <input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property | \$ 40.00 | <input type="checkbox"/> Filing Request for Reexamination | \$ | <input type="checkbox"/> Other (specify) _____ | \$ |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Surcharge - late filing fee or oath | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> _____ Month Extension of Time | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Notice of Appeal | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Brief in Support of Appeal | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Request for Oral Hearing | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Design Issue Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Plant Issue Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Commissioner | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Revive (Unavoidable) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Revive (Unintentional) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petitions Related to Provisional Applications | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Submission of Information Disclosure Statement | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Submission After Final Rejection | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property | \$ 40.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Request for Reexamination | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Other (specify) _____ | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner for Patents is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP, 1900 K Street, N.W., Suite 1200, Washington, D.C. 20006-1109.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FEE CALCULATION</p> <p>1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity</p> <table border="1"><thead><tr><th></th><th>FEE PAID</th></tr></thead><tbody><tr><td>Utility Filing Fee</td><td>\$ 770.00</td></tr><tr><td>Design Filing Fee</td><td>\$</td></tr><tr><td>Plant Filing Fee</td><td>\$</td></tr><tr><td>Reissue Filing Fee</td><td>\$</td></tr><tr><td>Provisional Filing Fee</td><td>\$</td></tr></tbody></table> | | | | | FEE PAID | Utility Filing Fee | \$ 770.00 | Design Filing Fee | \$ | Plant Filing Fee | \$ | Reissue Filing Fee | \$ | Provisional Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FEE PAID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Filing Fee | \$ 770.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reissue Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisional Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. EXTRA CLAIMS FEES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAIMS AS AMENDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| For | Number Present | Highest Number Paid For | Extra | Rate | | Amount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Large Entity | Small Entity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CLAIMS | 12 | 20 | 0 | x \$ 18.00 | x \$ 9.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDEPENDENT CLAIMS | 5 | 3 | 2 | x \$ 86.00 | x \$ 43.00 | \$ 172.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIMS | | | | \$ 290.00 | \$ 145.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL EXTRA CLAIMS FEES | | | | | | \$ 172.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBMITTED BY | | | | | Complete (if applicable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typed or Printed Name | | Ce Li | Registration No. | | Limited Recognition Under 37 CFR § 10.9(b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature | | | | Date | February 18, 2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

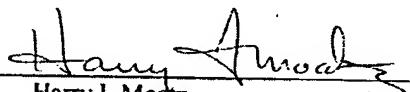
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Ce Li is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Hunton & Williams law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Hunton & Williams law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Hunton & Williams law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Ce Li ceases to lawfully reside in the United States, (ii) Ce Li's employment with the Hunton & Williams law firm ceases or is terminated, or (iii) Ce Li ceases to remain or reside in the United States on an H1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

Expires: June 6, 2004



Harry I. Moatz
Director of Enrollment and Discipline